

CONSOLIDATED CHECKLIST C5
Part 5 of 5 parts

Standards for Owners and Operators of Hazardous Waste Treatment,
Storage, and Disposal Facilities

40 CFR PART 264, Subparts CC-DD, as of June 30, 1995
as published in the July 1, 1995 CFR

Notes:

1) Consolidated Checklist C5 is divided into five separate documents/computer files solely for ease of handling its printed and electronic versions. Consolidated Checklist C5 remains one checklist; States must adopt all five portions simultaneously to correctly use this Consolidated Checklist. Note, the prenotes and endnotes associated with each part have been placed with the part to which they apply.

2) Subpart CC was added by the December 6, 1994, final rule published at 59 FR 62896-62953. Section 264.1080 of this subpart was revised by the May 19, 1995, final rule published at 60 FR 26828-26829. The applicable provisions of both of these rules are included in Revision Checklist 154, which is a consolidation of all the rules associated with the organic air emission standards for tanks, surface impoundments, and container requirements. EPA strongly recommends States wait to adopt Revision Checklist 154 in its entirety (including all rules published through November 25, 1996) rather than adopting the December 6, 1994, and the May 19, 1995, final rules as represented on this consolidated checklist. The December 6, 1994, rule is designated as rule 154.1, and the May 19, 1995, rule is designated as 154.2.

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
PART 264 - STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE, AND DISPOSAL FACILITIES							
SUBPART CC - AIR EMISSIONS STANDARDS FOR TANKS, SURFACE IMPOUNDMENTS, AND CONTAINERS							
APPLICABILITY							
requirements in 264, Subpart CC apply to owners and operators of all facilities that treat, store, or dispose of hazardous waste in tanks, surface impoundments, or containers except as provided in 264.1 and 264.1080(b)	154.1	264.1080(a)					
requirements of 264, Subpart CC do not apply to the following waste management units at the facility:	154.1	264.1080(b)					
a waste management unit that holds hazardous waste placed in such unit before December 6, 1995 and to which no hazardous waste is added on or after this date	154.1, 154.2	264.1080(b)(1)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a container with a design capacity of less than or equal to 0.1 m ³	154.1	264.1080(b)(2)					
a tank to which an owner or operator has stopped adding hazardous waste and the owner or operator has begun implementing or completed closure pursuant to an approved closure plan	154.1	264.1080(b)(3)					
a surface impoundment in which an owner or operator has stopped adding hazardous waste and the owner or operator has begun implementing or completed closure pursuant to an approved closure plan	154.1	264.1080(b)(4)					
a waste management unit that is used solely for on-site treatment or storage of hazardous waste generated from specified remedial activities	154.1	264.1080(b)(5)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a waste management unit that is used solely for the management of radioactive mixed waste	154.1	264.1080(b)(6)					
for owners and operators of a facility subject to 264, Subpart CC and who have received a final RCRA permit prior to December 6, 1995, the requirements of 264, Subpart CC shall be incorporated into the permit when that permit is reissued or reviewed; until such date when the owner or operator receives a final permit incorporating these requirements, the owner or operator is subject to the requirements of 265, Subpart CC	154.1, 154.2	264.1080(c)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
DEFINITIONS							
terms in 264, Subpart CC shall have the meanings given to them in 265.1081, the Act, and Parts 260 through 266	154.1	264.1081					
STANDARDS: GENERAL							
264.1082 applies to management of hazardous waste in tanks, surface impoundments, and containers subject to 264, Subpart CC	154.1	264.1082(a)					
the owner or operator shall control air emissions from each waste management unit in accordance with 264.1084 through 264.1087, except as provided in 264.1082(c)	154.1	264.1082(b)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a waste management unit is exempted from standards specified in 264.1084 through 264.1087 if it meets either of the following conditions:	154.1	264.1082(c)					
the average VO concentration of hazardous waste at the point of origination is less than 100 ppmw; how the VO concentration shall be determined	154.1	264.1082(c)(1)					
the organic content of the hazardous waste has been reduced by an organic destruction or removal process that achieves any one of the following conditions:	154.1	264.1082(c)(2)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a process that removes or destroys the organics to a level such that the average VO concentration of the hazardous waste at the point of waste treatment is less than the exit concentration limit established for the process; how the average VO concentration shall be determined	154.1	264.1082(c)(2)(i)					
a process that removes or destroys the organics to a level such that the organic reduction efficiency is equal to or greater than 95 percent and the average VO concentration of the hazardous waste at the point of waste treatment is less than 50 ppmw; how the organic reduction efficiency and the average VO concentration will be determined	154.1	264.1082(c)(2)(ii)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a process that removes or destroys the organics to a level such that the actual organic mass removal rate is greater than the required organic mass removal rate established for the process; how the required organic mass removal rate and the actual organic mass removal rate shall be determined	154.1	264.1082(c)(2)(iii)					
a biological process that destroys or degrades the organics contained in the hazardous waste such that either one of the following conditions is met:	154.1	264.1082(c)(2)(iv)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
the organic reduction efficiency for the process is equal to or greater than 95 percent and the organic biodegradation efficiency for the process is equal to or greater than 95 percent; how the organic reduction efficiency and the biodegradation efficiency shall be determined	154.1	264.1082(c)(2)(iv)(A)					
the total actual organic mass biodegradation rate for all hazardous waste treated by the process is equal to or greater than the required organic mass removal rate; how the organic mass removal rate and the actual mass biodegradation rate shall be determined	154.1	264.1082(c)(2)(iv)(B)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a process that removes or destroys the organics contained in the hazardous waste and meets all of the specified conditions	154.1	264.1082(c)(2)(v)					
	154.1	264.1082(c)(2)(v)(A)					
	154.1	264.1082(c)(2)(v)(B)					
	154.1	264.1082(c)(2)(v)(C)					
a hazardous waste incinerator for which the owner or operator has either:	154.1	264.1082(c)(2)(vi)					
been issued a final permit, and designs and operates the unit in accordance with the requirements of 264, Subpart O, or	154.1	264.1082(c)(2)(vi)(A)					
has certified compliance with the interim status requirements of 265, Subpart O	154.1	264.1082(c)(2)(vi)(B)					
a boiler or industrial furnace for which the owner or operator has either:	154.1	264.1082(c)(2)(vii)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
been issued a final permit, and designs and operates the unit in accordance with the requirements of 266, Subpart H, or	154.1	264.1082(c)(2)(vii)(A)					
has certified compliance with the interim status requirements of 266, Subpart H	154.1	264.1082(c)(2)(vii)(B)					
when a process is used that meets one of the sets of conditions specified in 264.1082(c)(2)(i)-(v), each material removed from or exiting the process that is not a hazardous waste but has an average VO concentration equal to or greater than 100 ppmw shall be managed in a unit in accordance with the requirements of 264.1082(b)	154.1	264.1082(d)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
the Regional Administrator may perform, or request the owner or operator perform, a waste determination for a hazardous waste managed in a tank, surface impoundment, or container exempted from using air emission controls under the provisions of 264.1082 as follows:	154.1	264.1082(e)					
the waste determination for average VO concentration of a hazardous waste at the point of waste origination shall be performed using direct measurement in accordance with the applicable requirements of 264.1083(a); how the waste determination will be performed	154.1	264.1082(e)(1)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
if the owner or operator is requested to perform the waste determination, the Regional Administrator may elect to have an authorized representative observe the collection of hazardous waste samples used for the analysis	154.1	264.1082(e)(2)					
if the results of the waste determination performed or requested by the Regional Administrator do not agree with the results of a wastes determination performed by the owner or operator, then the results of the waste determination performed under 264.1082(e)(1) shall be used to establish compliance	154.1	264.1082(e)(3)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
if averaging period of greater than 1 hour was used to determine the average VO concentration of a hazardous waste at the point of origination, the Regional Administrator can establish 264, Subpart CC compliance by performing or requesting that the owner or operator perform a waste determination based on samples collected within a 1-hour period using direct measurement as specified in 264.1082(e)(4)(i)- (iii)	154.1	264.1082(e)(4)					
	154.1	264.1082(e)(4) (i)					
	154.1	264.1082(e)(4) (ii)					
	154.1	264.1082(e)(4) (iii)					
WASTE DETERMINATION PROCEDURES							
waste determination procedure for average VO concentration of a hazardous waste at the point of origination	154.1	264.1083(a)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
average VO concentration at the point of waste origination shall be determined for each hazardous waste placed in units exempted under the provisions of 264.1082(c)(1) from using air emission controls in accordance with 264.1084 through 264.1087	154.1	264.1083(a)(1)					
the VO concentration at the point of waste origination shall be determined in accordance with 265.1084(a)(2)-(6)	154.1	264.1083(a)(2)					
waste determination procedures for treated hazardous waste:	154.1	264.1083(b)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
an owner or operator shall perform the applicable waste determinations for each treated hazardous waste placed in units exempted under 264.1082(c)(2) from using air emission controls in accordance with 264.1084 through 264.1087	154.1	264.1083(b)(1)					
the waste determination for a treated hazardous waste shall be performed in accordance with 265.1084(b)(2)-(10)	154.1	264.1083(b)(2)					
procedure to determine the maximum organic vapor pressure of a hazardous waste in a tank:	154.1	264.1083(c)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
an owner or operator shall determine the maximum organic vapor pressure for each hazardous waste placed in tanks using air emission controls in accordance with 264.1084(c)	154.1	264.1083(c)(1)					
the maximum organic vapor pressure of the hazardous waste shall be determined in accordance with 265.1084(c)(2)-(4)	154.1	264.1083(c)(2)					
STANDARDS: TANKS							
264.1084 applies to owner and operators of tanks subject to 264, Subpart CC, with the exception of the following:	154.1	264.1084(a)					
a tank in which all hazardous waste entering the tank meets the conditions specified in 264.1082(c), or	154.1	264.1084(a)(1)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a tank used for the biological treatment of hazardous waste in accordance with 264.1082(c)(2)(iv)	154.1	264.1084(a)(2)					
hazardous waste shall be placed in one of the following tanks:	154.1	264.1084(b)					
a tank equipped with a cover that is vented as specified	154.1	264.1084(b)(1)					
a tank equipped with a fixed roof and internal floating roof	154.1	264.1084(b)(2)					
a tank equipped with an external floating roof	154.1	264.1084(b)(3)					
a pressure tank designed to operate as a closed system	154.1	264.1084(b)(4)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
as an alternative to complying with 264.1084(b), hazardous waste may be placed in a tank equipped with a cover meeting the requirements specified in 264.1084(d)(1) when the hazardous waste is determined to meet all of the conditions specified in 264.1084(c)(1)-(4)	154.1	264.1084(c)					
	154.1	264.1084(c)(1)					
	154.1	264.1084(c)(2)					
	154.1	264.1084(c)(3)					
	154.1	264.1084(c)(4)					
	154.1	264.1084(c)(4)(i)					
	154.1	264.1084(c)(4)(ii)					
	154.1	264.1084(c)(4)(iii)					
to comply with 264.1084(b)(1), the owner or operator shall design, install, operate, and maintain a cover that vents the organic vapors through a closed-vent system connected to a control device	154.1	264.1084(d)					
the cover shall be designed and operated to meet the following requirements:	154.1	264.1084(d)(1)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
cover and all cover openings designed to operate with no detectable organic emissions when secured in a closed, sealed position	154.1	264.1084(d)(1)(i)					
each cover opening shall be secured in a closed, sealed position at all times that hazardous waste is in the tank; 264.1084(f) exception	154.1	264.1084(d)(1)(ii)					
the closed-vent system and control device shall be designed and operated in accordance with 264.1087	154.1	264.1084(d)(2)					
the owner or operator shall install, operate, and maintain enclosed pipes or other closed-systems (lists requirements for drain systems EPA considers "closed systems") to:	154.1	264.1084(e)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
transfer all hazardous wastes to the tank from another tank, surface impoundment, or container except those hazardous wastes meeting the conditions in 264.1082(c)	154.1	264.1084(e)(1)					
transfer all hazardous wastes from the tank to another tank, surface impoundment, or container except those hazardous wastes meeting the conditions in 264.1082(c)	154.1	264.1084(e)(2)					
each cover opening shall be secured in a closed, sealed position at all times except when it is necessary to use the cover opening to:	154.1	264.1084(f)					
add, remove, inspect, or sample the material in the tank,	154.1	264.1084(f)(1)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
inspect, maintain, repair, or replace equipment located inside the tank, or	154.1	264.1084(f)(2)					
vent gases or vapors from the tank to a closed- vent system connected to a control device designed and operated in accordance with 264.1087	154.1	264.1084(f)(3)					
one or more safety devices which vent directly to the atmosphere may be used on the tank, cover, closed-vent system, or control device provided each device meets all of the 264.1084(g) (1)&(2) conditions	154.1	264.1084(g)					
	154.1	264.1084(g)(1)					
	154.1	264.1084(g)(2)					
STANDARDS: SURFACE IMPOUNDMENTS							
264.1085 applies to owner and operators of surface impoundments subject to 264, Subpart CC, except the following:	154.1	264.1085(a)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a surface impoundment in which all hazardous waste entering the surface impoundment meets the conditions specified in 264.1082(c), or	154.1	264.1085(a)(1)					
a surface impoundment used for the biological treatment of hazardous waste in accordance with 264.1082(c) (2)(iv)	154.1	264.1085(a)(2)					
hazardous waste shall be placed into a surface impoundment equipped with a cover that is vented through a closed-vent system to a control device meeting the requirements specified in 264.1085(d)	154.1	264.1085(b)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
as an alternative to complying with 264.1085(b), hazardous waste may be placed in a surface impoundment equipped with a floating membrane cover meeting the requirements of 264.1085(e) when the hazardous waste is determined to meet all of the 264.1085(c)(1)-(3) conditions	154.1	264.1085(c)					
	154.1	264.1085(c)(1)					
	154.1	264.1085(c)(2)					
	154.1	264.1085(c)(3)					
to comply with 264.1085(b)(1), the owner or operator shall design, install, operate, and maintain a cover that vents the organic vapors through a closed-vent system connected to a control device	154.1	264.1085(d)					
the cover shall be designed and operated to meet the following requirements:	154.1	264.1085(d)(1)					

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40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
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cover designed to operate with no detectable organic emissions when all cover openings are secured in a closed, sealed position	154.1	264.1085(d)(1)(i)					
each cover opening shall be secured in the closed, sealed position at all times, except as noted in 264.1085(g)	154.1	264.1085(d)(1)(ii)					
the closed vent-system and control device shall be designed and operated in accordance with 264.1087	154.1	264.1085(d)(1)(iii)					
to comply with 264.1085(c), the owner or operator shall designed, install, operate, and maintain a floating membrane cover that meets all the requirements of 265.1086(e)(1)-(4)	154.1	264.1085(e)					

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
the owner or operator shall install, operate, and maintain enclosed pipes or other closed-systems (lists requirements for drain system EPA considers a "closed system") to:	154.1	264.1085(f)					
transfer all hazardous wastes to the surface impoundment from another tank, surface impoundment, or container subject to 264, Subpart CC, except those hazardous wastes meeting the 264.1082(c) conditions	154.1	264.1085(f)(1)					
transfer all hazardous wastes from the surface impoundment to another tank, surface impoundment, or container subject to 264, Subpart CC, except those hazardous wastes meeting the 264.1082(c) conditions	154.1	264.1085(f)(2)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
each cover opening shall be secured in the closed, sealed position at all times except when it is necessary to use the cover opening to:	154.1	264.1085(g)					
add, remove, inspect, or sample the material in the surface impoundment,	154.1	264.1085(g)(1)					
inspect, maintain, repair, or replace equipment located underneath the cover, or	154.1	264.1085(g)(2)					
remove treatment residues from the surface impoundment	154.1	264.1085(g)(3)					
vent gases or vapors from the surface impoundment to a closed-vent system connected to a control device designed and operated in accordance with 264.1087	154.1	264.1085(g)(4)					

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
one or more safety devices that vent directly to the atmosphere may be installed on the cover, closed-vent system, or control device provided each device meets all conditions specified at 264.1085(h) (1)&(2)	154.1	264.1085(h)					
	154.1	264.1085(h)(1)					
	154.1	264.1085(h)(2)					

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
STANDARDS: CONTAINERS							
264.1086 applies to the owners and operators of containers having design capacities greater than 0.1 m ³ except for a container in which all the hazardous waste entering the container meets the conditions specified in 264.1082(c)	154.1	264.1086(a)					
hazardous waste in containers shall be managed using the following procedures:	154.1	264.1086(b)					
hazardous waste shall be placed in one of the following containers except when a container is used for hazardous waste treatment as required by 264.1086(b)(2):	154.1	264.1086(b)(1)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a container that is equipped with a cover which operates with no detectable organic emissions when all container openings are secured in a closed, sealed position; each opening is tested for leaks in accordance with Method 21 in 40 CFR Part 60, appendix A the first time any portion of the hazardous waste is placed into the container; if a leak is detected and cannot be repaired immediately, the hazardous waste shall be removed and the container shall not be used to meet the requirements of 264.1086(b) until the leak is repaired and the container retested	154.1	264.1086(b)(1)(i)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a container having a design capacity less than or equal to 0.46 m ³ that is equipped with a cover and complies with all applicable DOT regulations	154.1	264.1086(b)(1)(ii)					
a container that is managed in accordance with 49 CFR 178	154.1	264.1086(b)(1)(ii)(A)					
a lab pack that is managed in accordance with 49 CFR 178	154.1	264.1086(b)(1)(ii)(B)					
a container that is attached to or forms a part of any truck, trailer, or railcar and that has been demonstrated within the preceding 12 months to be organic vapor tight	154.1	264.1086(b)(1)(iii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
hazardous waste treated in a container by either a waste stabilization process, any process that requires the addition of heat to the waste, or any process that produces an exothermic reaction shall meet the following requirements:	154.1	264.1086(b)(2)					
whenever the container is opened during the treatment process, the container shall be located inside an enclosure that is vented through a closed-vent system to a control device	154.1	264.1086(b)(2)(i)					
the enclosure is designed and operated in accordance with the following requirements:	154.1	264.1086(b)(2)(ii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
there shall be sufficient airflow to capture organic vapors and vent the vapors through the closed-vent system to the control device	154.1	264.1086(b)(2)(ii)(A)					
the enclosure may have permanent or temporary openings for specified reasons; the pressure drop across each opening must be below atmospheric pressure as specified; the owner or operator shall determine this pressure is maintained by measuring the pressure drop; if pressure in the enclosure is equal to or greater than atmospheric pressure, then the 264.1086 requirements are not met	154.1	264.1086(b)(2)(ii)(B)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
the closed-vent system and control device shall be designed and operated in accordance with 264.1087	154.1	264.1086(b)(2)(iii)					
hazardous waste transferred into a container having a design capacity greater than 0.46 m ³ shall meet the following requirements:	154.1	264.1086(b)(3)					
hazardous waste transferred by pumping shall be conveyed using a tube to add the waste into the container; during transfer, the cover shall remain in place and all openings maintained in a closed, sealed position; the tube shall be positioned in a manner such that either:	154.1	264.1086(b)(3)(i)					
tube outlet continuously remains submerged below the waste surface	154.1	264.1086(b)(3)(i)(A)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
lower bottom edge of tube is located at the specified distance from the bottom of the container, whenever waste is flowing through the tube	154.1	264.1086(b)(3)(i)(B)					
tube is connected to a permanent port mounted on the bottom of the container in the manner specified	154.1	264.1086(b)(3)(i)(C)					
hazardous waste transferred by means other than pumping shall be performed such that the cover shall remain in place and all openings maintained in a closed, sealed position, except as provided	154.1	264.1086(b)(3)(ii)					
each container opening shall be secured in a closed, sealed position at all times except when it is necessary to use the cover opening to:	154.1	264.1086(c)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
add, remove, inspect, or sample the material in the container;	154.1	264.1086(c)(1)					
inspect, maintain, repair, or replace equipment located inside the container; or	154.1	264.1086(c)(2)					
vent gases or vapors from a cover located over or enclosing an open container to a closed-vent system connected to a control device designed and operated in accordance with 264.1087	154.1	264.1086(c)(3)					
one or more safety devices that vent directly to the atmosphere may be used on the container, cover, enclosure, closed-vent system, or control device provided each device meets all of the conditions specified at 264.1086(d) (1)&(2)	154.1	264.1086(d)					
	154.1	264.1086(d)(1)					
	154.1	264.1086(d)(2)					

STANDARDS: CLOSED-VENT SYSTEMS AND CONTROL DEVICES

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
264.1087 applies to each closed-vent system and control device installed and operated to control air emissions	154.1	264.1087(a)					
the closed-vent system shall meet the following requirements:	154.1	264.1087(b)					
the system shall route gases, vapors, and fumes to a control device that meets the requirements specified in 264.1087(c)	154.1	264.1087(b)(1)					
the system shall be designed and operated in accordance with 264.1033(k)	154.1	264.1087(b)(2)					
if the closed-vent system contains one or more bypass devices, the owner or operator shall meet the following requirements:	154.1	264.1087(b)(3)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
for each bypass device except as provided in 264.1087(b)(3)(ii), the owner or operator shall either:	154.1	264.1087(b)(3)(i)					
install, calibrate, maintain, and operate a flow indicator at the inlet that indicates at least every 15 minutes whether gas, vapor or fume flow is present in the bypass device, or	154.1	264.1087(b)(3)(i)(A)					
secure a valve installed at the inlet to the bypass device in the closed position using a car-seal or lock-and-key type configuration; required inspections	154.1	264.1087(b)(3)(i)(B)					
low leg drains, high point bleeds, analyzer vents, open-ended valves or lines, and safety devices are not subject to the requirements of 264.1087(b)(3)(i)	154.1	264.1087(b)(3)(ii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
the control device shall meet the following requirements:	154.1	264.1087(c)					
the control device shall be one of the following devices:	154.1	264.1087(c)(1)					
a control device designed and operated to reduce the total organic content of the inlet vapor stream by at least 95 percent	154.1	264.1087(c)(1)(i)					
an enclosed combustion device designed and operated in accordance with 264.1033(c)	154.1	264.1087(c)(1)(ii)					
a flare designed and operated in accordance with 264.1033(d)	154.1	264.1087(c)(1)(iii)					
the control device shall be operating at all times when gases, vapors, or fumes are vented through the closed-vent system to the control device	154.1	264.1087(c)(2)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
an owner or operator using a carbon adsorption system shall operate and maintain the control device in accordance with the following requirements:	154.1	264.1087(c)(3)					
following initial startup, all activated carbon shall be replaced with fresh carbon regularly in accordance with 264.1033(g) or (h)	154.1	264.1087(c)(3)(i)					
all carbon removed from the control device shall be managed in accordance with 264.1033(m)	154.1	264.1087(c)(3)(ii)					
an owner or operator using a control device other than a thermal vapor incinerator, flare, boiler, process heater, condenser, or carbon adsorption system shall operate and maintain the control device in accordance with 264.1033(j)	154.1	264.1087(c)(4)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
demonstrate that a control device achieves the performance requirements of 264.1087(c)(1) as follows:	154.1	264.1087(c)(5)					
demonstrate, using either a performance test as specified in 264.1087(c)(5)(iii) or a design analysis as specified in 264.1087(c)(5)(iv), the performance for each control device except for the following:	154.1	264.1087(c)(5)(i)					
a flare	154.1	264.1087(c)(5)(i)(A)					
a boiler or process heater with design input capacity of 44 megawatts or greater	154.1	264.1087(c)(5)(i)(B)					
a boiler or process heater into which the vent stream is introduced with the primary fuel	154.1	264.1087(c)(5)(i)(C)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a boiler or process heater burning hazardous waste for which the owner or operator has been issued a final permit and designs and operates the unit in accordance with 266, Subpart H	154.1	264.1087(c)(5)(i) (D)					
a boiler or process heater burning hazardous waste for which the owner or operator has certified compliance with interim status requirements of 266, Subpart H	154.1	264.1087(c)(5)(i) (E)					
the owner or operator shall demonstrate the performance of each flare in accordance with 264.1033(e)	154.1	264.1087(c)(5) (ii)					
for a performance test, the owner or operator shall use the test methods and procedures in 264.1034(c)(1)- (4)	154.1	264.1087(c)(5) (iii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a design analysis shall meet the requirements specified in 264.1035(b)(4)(iii)	154.1	264.1087(c)(5)(iv)					
the owner or operator shall demonstrate that a carbon adsorption system achieves the 264.1087(c)(1) performance requirements as specified	154.1	264.1087(c)(5)(v)					
if the owner or operator and the Regional Administrator do not agree on a demonstration of control device performance using a design analysis, then the disagreement shall be resolved using the results of a performance test in accordance with 264.1087(c)(5)(iii); the Regional Administrator may choose an authorized representative to observe the test	154.1	264.1087(c)(6)					

INSPECTION AND MONITORING REQUIREMENTS

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
264.1088 applies to an owner or operator using air emission controls in accordance with 264.1084-264.1087	154.1	264.1088(a)					
each cover shall be visually inspected and monitored for detectable organic emissions using procedures specified in 265.1089(f)(1)-(7) except as follows:	154.1	264.1088(b)					
an owner or operator is exempted from performing a cover inspection and monitoring requirements for the following tank covers:	154.1	264.1088(b)(1)					
a tank internal floating roof that is inspected and monitored in accordance with 264.1091	154.1	264.1088(b)(1)(i)					
a tank external floating roof that is inspected and monitored in accordance with 264.1091	154.1	264.1088(b)(1)(ii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
if the tank is buried partially or entirely underground, cover inspection and monitoring is required only for those portions of the tank cover and those connections to the tank cover or tank body that extend to or above the ground	154.1	264.1088(b)(2)					
an owner or operator is exempted from performing the cover inspection and monitoring requirements for a container that meets all of the requirements in 264.1086(b)(1)(ii) or (iii)	154.1	264.1088(b)(3)					
an owner or operator is exempted from performing the cover inspection and monitoring requirements for an enclosure used to control air emissions in accordance with 264.1086(b)(2)	154.1	264.1088(b)(4)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
each closed-vent system shall be inspected and monitored in accordance with 264.1033(k)	154.1	264.1088(c)					
each control device shall be inspected and monitored in accordance with 264.1033(f) and (i)	154.1	264.1088(d)					
a written plan and schedule shall be developed and implemented to perform all inspection and monitoring requirements; this plan shall be incorporated in the facility inspection plan	154.1	264.1088(e)					
RECORDKEEPING REQUIREMENTS							
owners or operator subject to the requirements of 264, Subpart CC shall record and maintain the following information:	154.1	264.1089(a)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
documentation for each cover installed on a tank in accordance with 264.1084(b)(2) or (3); what information must be included; certification	154.1	264.1089(a)(1)					
documentation for each floating membrane cover installed on a surface impoundment in accordance with 264.1085(c); what information must be included; certification	154.1	264.1089(a)(2)					
documentation for each enclosure used to control air emissions from containers in accordance with the requirement of 264.1086(b)(2)(i); what information must be included; certification	154.1	264.1089(a)(3)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
documentation for each closed-vent system and control device installed in accordance with the requirements of 264.1087 that includes the information specified at 264.1089(a)(4)(i)-(iv)	154.1	264.1089(a)(4)					
	154.1	264.1089(a)(4)(i)					
	154.1	264.1089(a)(4)(ii)					
	154.1	264.1089(a)(4)(iii)					
	154.1	264.1089(a)(4)(iv)					
records for all Method 27 tests performed for each container used to meet the requirements of 264.1086(b)(1)(iii)	154.1	264.1089(a)(5)					
records for all visual inspections	154.1	264.1089(a)(6)					
records for all monitoring for detectable organic emissions	154.1	264.1089(a)(7)					
records of the date of each attempt to repair a leak, repair methods applied, and the date of successful repair	154.1	264.1089(a)(8)					
records for all continuous monitoring conducted	154.1	264.1089(a)(9)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
records of the management of carbon removed from a carbon adsorption system	154.1	264.1089(a)(10)					
records for all inspections of each cover installed on a tank	154.1	264.1089(a)(11)					
an owner or operator electing to use air emission controls for a tank shall record the following information:	154.1	264.1089(b)					
date and time each waste sample is collected for direct measurement of maximum organic vapor pressure	154.1	264.1089(b)(1)					
results of each determination of maximum organic vapor pressure in a tank	154.1	264.1089(b)(2)					
records specifying the tank dimensions and design capacity	154.1	264.1089(b)(3)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
an owner or operator electing to use air emission controls for a tank shall record the information as required by 264.1091(c)	154.1	264.1089(c)					
an owner or operator electing not to use air emission controls for a particular tank, surface impoundment, or container shall record information used for each waste determination in the facility operating log; if analysis results for waste samples are used for the waste determination, information regarding the date, time and location of sample collection shall be recorded	154.1	264.1089(d)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
an owner or operator electing to comply with 264.1082(c)(2)(v) or (vi) shall record the identification number for the incinerator, boiler, or industrial furnace	154.1	264.1089(e)					
an owner or operator designating a cover as unsafe or difficult to inspect and monitor shall record the following information in a log that is kept in the facility operating record:	154.1	264.1089(f)					
a list of identification numbers for the tanks with covers that are unsafe to inspect and monitor; an explanation stating why the cover is unsafe; a plan and schedule for inspecting and monitoring the cover	154.1	264.1089(f)(1)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a list of identification numbers for tanks with covers that are designated as difficult to inspect and monitor; an explanation stating why each cover is difficult to inspect and monitor; a plan and schedule for inspecting and monitoring each cover	154.1	264.1089(f)(2)					
all records required by 264.1089(a)-(f), except 264.1089(a)(1)-(4), shall be maintained in the operating record for a minimum of 3 years; records required by 264.1089(a)(1)-(4) shall be maintained until the air emission control equipment is replaced or no longer in service	154.1	264.1089(g)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
owners or operators subject to the requirements of 264, Subpart CC and to the control device standards in 40 CFR Part 60, Subpart VV or 40 CFR 61, Subpart V may elect to demonstrate compliance by documentation either pursuant to 264, Subpart CC or to the provisions of 40 CFR Part 60, Subpart VV or 40 CFR 61, Subpart V, to the extent that such documentation duplicates the documentation required by 264.1089	154.1	264.1089(h)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
REPORTING REQUIREMENTS							
each owner or operator managing hazardous waste in a tank, surface impoundment, or container exempted from using air emissions controls in accordance with 264.1082(c) shall report to the Regional Administrator each occurrence when there is noncompliance with the conditions specified in 264.1082(c)(1) or (2); examples; a written report shall be submitted within 15 calendar days; the written report shall contain specified information; the report shall be signed and dated by an authorized representative of the owner or operator	154.1	264.1090(a)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
each owner or operator using tank air emission controls in accordance with 264.1084(c) shall report to the Regional Administrator each occurrence when there is noncompliance with the conditions specified in 264.1084(c)(1)-(4); a written report shall be submitted within 15 calendar days; the written report shall contain specified information; the report shall be signed and dated by an authorized representative of the owner or operator	154.1	264.1090(b)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
each owner or operator using a control device in accordance with 264.1087 shall submit a semiannual written report to the Regional Administrator except as provided in 264.1090(d); the report shall describe each occurrence for the past six months when a control device is operated for 24 hours or longer in noncompliance with 264.1035(c) (4) or when a flare is operated with visible emissions as defined in 264.1033(d); the written report shall contain specified information; the report shall be signed and dated by an authorized representative of the owner or operator	154.1	264.1090(c)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
a report to the Regional Administrator is not required for a 6-month period if for no period of 24 hours or longer did a control device operate continuously in noncompliance with 264.1035(c) (4) or a flare operate with visible emissions as defined in 264.1033(d)	154.1	264.1090(d)					

ALTERNATIVE CONTROL REQUIREMENTS FOR TANKS

264.1091 applies to owners and operators of tanks electing to comply with 264.1084(b) (2) or (3)	154.1	264.1091(a)					
an owner or operator electing to comply with 264.1084(b)(2) shall design, install, operate, and maintain a fixed roof and internal floating roof that meet the requirements specified in 265.1091(a)(1)(i)-(ix)	154.1	264.1091(a)(1)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
an owner or operator electing to comply with 264.1084(b)(3) shall design, install, operate, and maintain an external floating roof that meets the requirements specified in 265.1091(a)(2)(i)-(iii)	154.1	264.1091(a)(2)					
the owner or operator shall inspect and monitor the control equipment in accordance with the following requirements:	154.1	264.1091(b)					
for a tank equipped with a fixed roof and internal floating roof, the owner or operator shall perform the inspection and monitoring requirements specified in 265.1091(b)(1)	154.1	264.1091(b)(1)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
for a tank equipped with an external floating roof, the owner or operator shall perform the inspection and monitoring requirements specified in 265.1091(b)(2)	154.1	264.1091(b)(2)					
the owner or operator shall record the following information in the operating record:	154.1	264.1091(c)					
for a tank equipped with a fixed roof and internal floating roof, the owner or operator shall record the information listed in 265.1091(c)(1)	154.1	264.1091(c)(1)					
for a tank equipped with an external floating roof, the owner or operator shall record the information listed in 265.1091(c)(2)	154.1	264.1091(c)(2)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
SUBPART DD - CONTAINMENT BUILDINGS							
APPLICABILITY							
applies to owners/operators storing or treating hazardous waste in units designed and operated under 264.1101; effective February 18, 1993, but may notify Regional Administrator of earlier time; not subject to definition of land disposal in RCRA 3004(k) provided unit:	109	264.1100					
is a completely enclosed, self-supporting structure designed and constructed as specified	109	264.1100(a)					
has a primary barrier designed to withstand movement of personnel, wastes and handling equipment within unit	109	264.1100(b)					
if used to manage liquids:	109	264.1100(c)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
primary barrier designed and constructed to prevent migration of hazardous constituents into barrier	109	264.1100(c)(1)					
liquid collection system to minimize accumulation of liquid on primary barrier	109	264.1100(c)(2)					
secondary containment system to prevent hazardous constituent migration into barrier; leak detection and liquid collection as specified; variance under 264.1101(b)(4)	109	264.1100(c)(3)					
controls to prevent fugitive dust emissions to meet 264.1101(c) (1)(iv) standards	109	264.1100(d)					
designed and operated to ensure containment and prevent tracking of materials from unit by personnel or equipment	109	264.1100(e)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
DESIGN AND OPERATING STANDARDS							
all containment buildings must comply with following design standards:	109	264.1101(a)					
completely enclosed as specified	109	264.1101(a)(1)					
design and construction of floor, containment walls and secondary containment system; unit of sufficient structural strength to prevent collapse or failure; chemically compatible surfaces; standards for judging structural integrity requirements; when exception for light-weight doors and windows will apply:	109	264.1101(a)(2)					
provide effective barrier against fugitive dust emissions under 264.1101(c)(1)(iv)	109	264.1101(a)(2)(i)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
unit designed and operated so that wastes do not contact openings	109	264.1101(a)(2)(ii)					
1 no placement of incompatible wastes or treatment reagents that could cause unit or secondary containment system to leak, corrode or otherwise fail	109	264.1101(a)(3)					
must have primary barrier designed to withstand movement of personnel, waste and handling equipment in unit during unit operating life, as appropriate for waste characteristics	109	264.1101(a)(4)					
requirements for hazardous waste containing free liquids or treated with free liquids:	109	264.1101(b)					
primary barrier to prevent migration of hazardous constituents into the barrier	109	264.1101(b)(1)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
liquid collection and removal system to minimize accumulation of liquid on primary barrier:	109	264.1101(b)(2)					
primary barrier sloped to drain liquids to collection system	109	264.1101(b)(2)(i)					
liquids and waste collected and removed to minimize hydraulic head on containment system at earliest practicable time	109	264.1101(b)(2)(ii)					
secondary containment system to prevent hazardous constituent migration into barrier; leak detection and liquid collection as specified	109	264.1101(b)(3)					
what must be installed at a minimum to satisfy leak detection component of secondary containment system	109	264.1101(b)(3)(i)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
constructed with 1% or greater bottom slope	109	264.1101(b)(3)(i)) (A)					
granular, synthetic, or geonet drainage materials as specified	109	264.1101(b)(3)(i)) (B)					
if treatment conducted in building, treatment area designed to prevent releases to other portions of building	109	264.1101(b)(3)(ii))					
secondary containment construction materials specifications; requirements for use of containment building as tank secondary containment system	109	264.1101(b)(3) (iii)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
for existing units other than 90-day generator units, Regional Administrator delay of secondary containment requirement if demonstrated that unit substantially meets Subpart DD standards; for demonstration, owner/operator must:	109	264.1101(b)(4)					
² provide written notice by February 18, 1993; what notice must contain	109	264.1101(b)(4)(i))					
respond to Regional Administrator comments within 30 days	109	264.1101(b)(4)(ii))					
if approved, fulfill terms of revised plans	109	264.1101(b)(4) (iii)					
owners and operators of all containment buildings must:	109	264.1101(c)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
use controls and practices to ensure containment of hazardous waste within unit; at a minimum:	109	264.1101(c)(1)					
maintain primary barrier as specified	109	264.1101(c)(1)(i)					
maintain level of stored/treated hazardous waste as specified	109	264.1101(c)(1)(ii))					
take measures to prevent tracking of hazardous waste out of unit; equipment decontamination area; rinsate collection and management	109	264.1101(c)(1) (iii)					
take measures to control fugitive dust emissions; maintain particulate collection devices as specified; when "no visible emissions" must be maintained	109	264.1101(c)(1) (iv)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
certification by qualified registered professional engineer; for units in operation prior to February 18, 1993, certification placed in operating record or on-site files no later than 60 days after date of initial operation; after February 18, 1993, PE certification required prior to operation of unit	109	264.1101(c)(2)					
prompt repairs of unit throughout active life as specified, according to the following procedures:	109	264.1101(c)(3)					
³ detection of condition that has led to a release; leakage from primary barrier; owner or operator must:	109	264.1101(c)(3)(i)					
enter record of discovery in facility operating record	109	264.1101(c)(3)(i)(A)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
immediately remove portion of containment building affected by the condition from service	109	264.1101(c)(3)(i) (B)					
determine steps to be taken for repair, remove leakage from secondary collection system and establish schedule for cleanup and repairs	109	264.1101(c)(3)(i) (C)					
within 7 days, notify Regional Administrator of condition; within 14 working days, provide written notice to Regional Administrator; what written notice must include	109	264.1101(c)(3)(i) (D)					
Regional Administrator must review notice, determine extent to which unit must be removed from service during repairs, and notify owner/operator of determination and rationale in writing	109	264.1101(c)(3)(ii))					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
written notification to Regional Administrator on completion of repair and cleanup; verification by a qualified, registered professional engineer that repairs and cleanup are in compliance with 264.1101(c)(3)(i) (D) plan	109	264.1101(c)(3)(iii)					
what must be inspected and recorded in facility's operating records, at least once every seven days	109	264.1101(c)(4)					
for containment buildings that contain areas both with and without secondary containment, the owner/operator must:	109	264.1101(d)					
design and operate each area in accordance with 264.1101(a)-(c) requirements	109	264.1101(d)(1)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
take measures to prevent release of liquids or wet materials into areas without secondary containment	109	264.1101(d)(2)					
maintain in facility's operating log a written description of operating procedures used to maintain integrity of areas without secondary containment	109	264.1101(d)(3)					
Regional Administrator waiver of secondary containment requirements; what owner/operator must demonstrate	109	264.1101(e)					
CLOSURE AND POST-CLOSURE CARE							
what must be done at closure; closure plan, closure activities, cost estimates, and financial responsibility must meet all 264 Subpart G & H requirements	109	264.1102(a)					

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
if 264.1102(a) requirements met and not all contaminated subsoils can be removed or decontaminated, close facility and perform post-closure care as for landfill under 264.310; owner/operator must meet 264 Subpart G & H requirements for landfills	109	264.1102(b)					
reserved	109	264.1103- 264.1110					

APPENDIX I TO PART 264

RECORDKEEPING INSTRUCTIONS

instructions for keeping portions of the operating record	*,131	Appendix I					
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CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENC E	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE

APPENDIX IV TO PART 264

COCHRAN'S APPROXIMATION TO THE BEHRENS-FISHER STUDENTS' T-TEST

instructions for calculation of the t-test	*	Appendix IV					
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APPENDIX V TO PART 264

EXAMPLES OF POTENTIALLY INCOMPATIBLE WASTE

list of wastes and potential consequences of mixing	*	Appendix V					
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APPENDIX VI TO PART 264

POLITICAL JURISDICTIONS IN WHICH COMPLIANCE WITH §264.18(a) MUST BE
DEMONSTRATED

political jurisdictions by state and city	*	Appendix VI					
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APPENDIX IX TO PART 264

GROUND-WATER MONITORING LIST

list of substances, suggested test methods, and practical quantitation limits	40	Appendix IX					
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- 1 At 264.1080(a) there is a typographical error in the Federal Register notice for this checklist (59 FR 62896; December 6, 1994): "subparts" should be "subpart".
- 2 Note that there is an error in the August 18, 1992 (57 FR 37194, Revision Checklist 109) Federal Register; the deadline for the written notice should be February 18, 1993, rather than November 16, 1992 as it appears in the Federal Register, in keeping with the effective date of these provisions, with the preamble to the rule at 57 FR 37215 (second full paragraph in the right-hand column), and with the similar provision under 265.1101(b)(4)(i). This error is reflected in the July 1, 1993, 1994, and 1995 CFRs.

CONSOLIDATED CHECKLIST C5
40 CFR Part 264, Subparts CC-DD, as of June 30, 1995 (cont'd)

- 3 Note that there is a typographical error in the August 18, 1992 (57 FR 37194, Revision Checklist 109) Federal Register; "lead" should be "led."